

23. A method of transmitting RF signals between a base station and a plurality of mobile units, the method comprising:

receiving a plurality of outbound RF signals from a network, wherein the plurality of outbound RF signals correspond to a set of channels used by a remote unit;

generating an RF analog outbound channel carrier for each channel in the set of channels used by the remote unit;

analog modulating each of the plurality of outbound RF signals onto a corresponding one of the RF analog outbound channel carriers, thereby generating a plurality of RF analog modulated channel carriers;

combining the plurality of RF analog modulated channel carriers into a first combined RF signal;

generating a digitized representation of the first combined RF signal at the base station;

transmitting the digitized representation to the remote unit;

generating a second combined RF signal from the digitized representation of the first combined RF signal at the remote unit; and

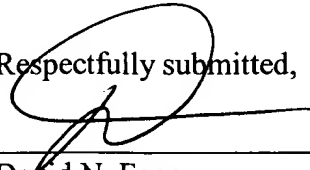
broadcasting the second combined RF signal from the remote unit to the plurality of mobile units.

CONCLUSION

Applicant believes that the claims are in condition for allowance. Reconsideration and allowance of the claims is respectfully requested. If the Examiner has any questions or concerns regarding this application, please contact the undersigned at the number listed below.

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Respectfully submitted,



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